containing a gene encoding a second fusion protein comprising a binding site for the MPBD and an exogenously introduced second coiled-coil dimerization domain interactive with the first dimerization domain, wherein said gene comprises a WIN-ZIP-B1 synthetic amphipathic helix, b) culturing the transformed cell, c) comparing the activity to a base line control, d) detecting and measuring changes in activity for determining the activity of the protein - protein interaction.

31. The assay of claim 28 wherein the base line control constitutes at least two cells wherein each of said cells is transformed by one of the two vectors but not the other.

A1 cont'd

32. The assay of claim 28 wherein the MPBD domain consists of src homology 3 (SH_3).

33. (NEW) An assay according to claim 30 wherein the protein containing the modular protein binding domain (MPBD), which contains a WIN-ZIP-A1 helix is a kinase.

34. (NEW) An assay according to claim 33 wherein said kinase is tyrosine kinase.

REMARKS

The applicant wishes to affirm the election of the species src homology 3. It is believed that applicant's paper filed April 1, 2003 prior to the issuance of the instant Office Action was responsive on this point.

Claims 1-27 are not under consideration.

Claims 28 and 29 have been cancelled and claims 30-34 substituted therefor. No new matter has been added.

In this regard, it is noted that the Examiner has stated that "a claim drawn to an assay for the presence of the protein - protein reactions between the fusion of src with heterodimers WIN-ZIP-A1 and B1 will obviate the rejection of the claims under 35 U.S.C. § 112. Claim 32 has been drafted to accomplish this end. New claims 33 and 34 find support for example at page 5 of the application.

The Examiner has rejected claims 28 and 29 under 35 U.S.C. § 112, first paragraph because the specification, while being enabling for src as the modular protein